

Determination of Carbonyl Groups in Cellulose
by the Sodium Borohydride Reduction Method, by 59
A. Sugimatsu, S. Ishara.

JAPANESE, per, J. Japan Tech. Assoc. Pulp
Paper Ind. Vol 14, No 8, Aug 1960, pp 516-521.
Chem Trans 87 2672

A. Sugimatsu

326,407

Sci - Chemistry

Sugimatsu, A. and Yahara, S.
DOSAGE DU GROUPE CARBONYLE DE LA CELLULOSE
À L'AIDE DE LA MÉTHODE DE RÉDUCTION
AU BOROHYDRE DE SODIUM (Determination of
Carbonyl Groups in Cellulose by the Sodium Borohy-
dride Reduction Method). 11p. FX-1174.
Order from OTS, ETC or CNRS \$0.80 62-26471

Trans. *In French* of Kami-pa Gkyoohi (Japan) 1960,
v. 14, no. 113 [p. 516-521].

DESCRIPTORS: *Wood pulp, *Cellulose, *Carbonyl
radicals, Quantitative analysis, Reduction, *Boro-
hydrides, Sodium compounds.

(Materials--Wood, TT, v. 10, no. 9)

62-26471

- I. Sugimatsu, A.
- II. Yahara, S.
- III. F/X-1174
- IV. Centre National de la
Recherche Scientifique,
Paris (France)

11-20001

Office of Technical Services

On the Nymph and Larva of the Formosan Large 72
Tick, by M. Sugimoto.
JAPANESE, per, J Jap Soc Vet Sci, Vol XVI, No 1,
1937, pp 11-16.
HEW NIH No 4-1-66

Sugimoto, M.

Sci - B/N
May 66

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Histochemical Observations on the Rabbit
Blood Cell and Hemopoietic Tissues, Especially
on the Effects of Nitomin and Tam, by T.
Katabira, E. Sasaki and A. Sugimoto.

^{XLV}
JAPANESE, per, Gann, Vol XL, 1954, pp 519-
521.

ASLIB-0858

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Aug 58

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Sugimoto, Kyuichi and Kondo, Hideo.
PREPARATION OF LOW-VISCOSITY MILK OF LIME.
[1960] 6p.
Order from LC or SLA mi\$1.80, ph\$1.80 61-10165

Trans. of Japanese patent report publication no.
2619/55, 15F 222, pub. 21 Apr 55, applied for
6 Feb 53, patent application 1984/53., by Asahi Glass
Co., Inc., Tokyo.

Quicklime is slaked to form milk of lime, and the sus-
pension of slaked lime particles or milk of lime is used
as slaking liquid.

(Chemistry--Inorganic, TT, v. 5, no. 2)

61-10165

- I. Calcium oxides--Physical properties
2. Title: Milk of lime
- I. Sugimoto, K.
- II. Kondo, H.
- III. Patent (Japan) pub. 30-2619

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Notes on the Ticks in the Formosan Mountain
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15 pp.

JAPANESE, par, J. Centr Soc Vet Med Tokyo, Vol
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NIN 3-45

Sci - Biol

Apr 59

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Correction Method for Matrix Effect in Fluorescent
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pp 1168-1178. 969387
DEC RSC-319

Sci-Flys
Aug 64

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Studies on Synthetic Analgesics, by N. Sugimoto,
S. Saito, 12 pp.

JAPANESE, per, Yakugaku Zasshi (Journal of the
Pharmaceutical Society of Japan), Vol LXXIII, No 7,
Jul 1953, pp 757-760.

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Scientific - Chemistry

CTS 65/Feb 1955

21,251

Sugimoto, Toshitaka and Hiki, Shizuo.
EXTRACTION OF VOICE PITCH FROM THE VIBRA-
TIONS OF THE OUTER SKIN OF THE TRACHEA.
[1961] 5p. 2 refs.
Order from SLA \$1. 10

62-10074

Trans. from [Symposium on Pitch Extraction from the
Voice] in p. . n. d.

DESCRIPTORS: *Speech transmission, Sound trans-
mission, Intelligibility, *Pitch discrimination,
*Microphones, Vibration, Frequency modulation,
*Voice communication systems, Skin.

Experiments showed that the pitch can be extracted
more accurately from the vibrations of the outer skin
of the trachea than from the voice itself. In this way
(Research Methods--Communication Theory, TT.
v. 7, no. 9)

(over)

62-10074

I. Sugimoto, T.
II. Hiki, S.

206162

Office of Technical Services

(NY-3000)

Reorganization of Production and Plan-
ning at the Aktyubinsk X-Ray Equipment
Plant, by S. Tlegenov, A. Subbotin,
6 pp.

RUSSIAN, per, NaKrodnoye Khoz Kazakh,
No 7, 1961, pp 15-18.

JPRS 12039

181.337

USSR
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Jan 62

(NY-3000)

Reorganization of Production and Planning at the Aktyubinsk X-Ray Equipment Plant, by S. Tlegenov, A. Subbotin, 6 pp.

RUSSIAN, per, NaZrodnoye Khoz Kazakh, No 7, 1961, pp 15-18.

JPRS 12039

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Econ
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The Use of Colimycin in Genitourinary¹⁶ p.
Infections, by K. Sugimura, S. Nakashima.
JAPANESE, per, Hinyokika Kyo, Vol 9, 1963,
pp 472-477.
SLA TT-65-14545

K. Sugimura

Sci-B&M
Jul 66

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(FDD 20587)

On the Immune Serum of So-Called Bovine Influenza, by Sugimura Katsuji, 20 pp.

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CIA/FDD/U-6194

FE - Japan

Sci - Medicine, vet.

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Procedure in Correcting for Matrix Effects in Fluorescent
X-Ray Analysis (Part II), by Masakatsu Sugimoto, 18 pp.
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DDC RSIC-190

Sci - Phys
Mar 64

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The Wave Filtering Process of the Tracheal Outer Wall, by
Riko (Toshikazu) Sugimoto, Shin-ichiro Hashimoto, et al, 6 pp.
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9218949

Emmanuel Coll Res Lang Ctr
E-T-J-63-6

Sci - Biol
Feb 64

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Pitch Sensation and Fundamental Frequency Extraction of
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Technical Journal, Japan, Vol XI, No 2, 1962, pp 327-368.
9696161
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T-J-63-3

Sci : Chem
Mar 65

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Several Properties of Vocal Cord Vibrations Observed
From the Vibrations of the Tracheal Outer Wall, by
S. Hiki, T. Sugimoto, 5pp.

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1961. 9689727.

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Sci - Biol & Med Sci
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JAPANESE, rpt, Meeting of the Acoustical Society
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NLL/773.75 1964

T. Sugimoto

Sc1 -
Aug 67

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On the Forecasting of Clear Air Turbulence, by
Y. Sugimoto, and K. Ono, 22 pp.

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Sci. - Earth Sci & Astron
Feb 64

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Cancer and Nucleic Acid, by Sugimura Takashi,
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1963, pp 17-22.
JPRS CSO: SF-4571

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S-357/67

Sci-B&M
Mar 67

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Studies of the Anode Reaction, by E. S. Aoyagi,
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T-1079

Sci
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Conditions of Electrolysis in Lead Peroxide
Deposition. Study on Manufacture and Use of
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Shibazaki.

JAPANESE, per, J Electrochem Soc Japan, Vol XVI,
pp 9-13, 1948.

Insdoc-T1645
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Sci - Chem
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Direct Electrolysis Method of Preparation of NaCl, by
K. Sugino, M. Yamashita.

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Insdoc-T1644

Sci - Chem
Aug 58

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Electrolytic Preparation of Chlorate
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JAPANESE, patent, 176,029, 1948.
SLA TT-64-20726

Kiichiro Sugino

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Sci
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Sugino, Kiichiro.
ELECTRO-ORGANIC CHEMISTRY. [1961] [26]p. (illus.
omitted) 57 refs. AERDL T-1080; RIS E 693.
Order from OTS or SLA \$2.60 61-28940

Trans. of Kagaku (Japan) 1957, v. 12, p. 349-358.
Also available from RIS \$50.00 as RIS E-693.

DESCRIPTORS: *Electrochemistry, Organic compounds.
Cathodes (Electrolytic cell), Reduction, Mercury elec-
trodes, Catalysis, Electrolytes, Anodes (Electrolytic
cell), Oxidation, Free radicals, Bibliography.

(Chemistry--Organic, TT, v. 9, no. 1)

61-28940

- I. Sugino, K.
- II. AERDL T-1080
- III. RIS E-693
- IV. Army Engineer Research
and Development Labs.,
Fort Belvoir, Va.
- V. Research Information Ser-
vice, New York

A236482

10-16-62

Office of Technical Services

Production of Polyvinyl Chloride Filament ⁹⁵
or Film, N. Yonetani, K. Sugino, H. Izumi.
JAPANESE, Patent SHO 42-15 828
BTC 69-10595-III

M. Sugino

Sci-Rat
July 69

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Thermolysis of Nickel Carbonyl, by K. Tozaki,
H. Sugimoto.

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TIL Tr 4622

Sci + Chem
Jan 58

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65, No 10, pp 1617-1622.
NASA TT F-12,029

Sugio Otani

Sci-Chem
Mar 69

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Study of Factors Affecting Blast Furnace
Coke Rates I - A Comment on the Reaction
System in the Blast Furnace. II - Study
of Reduction in Nodulized No. 1 Blast
Furnace by H. Sugisawa, et al.
JAPANESE, per, Tetsu to Hagane, Vol 46,
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Sci-1960
Aug 66

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*DISI 4653

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Per-Japan
Sci/TKM
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Experimental Studies of Skin and Lung Cancer Produced
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X-618

National Institutes of Health
Bethesda, Maryland

A11660

TAKIZAWA, Nobujiro
SUGISHITA, Masataka

The Cancerogenic Action of Quinone on Skin and Lung
Tissue of Mice. (4-Pages)

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Bethesda, Md.

A11661

Effect of ATP on the Cone Action Potential, by
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WH 10-13-62

Sci - Biology

Dec 62

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ACSI 1-1366
ID 2198517

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MIL

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Sci - Eng
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Preparation and Cell Performance of Negative
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INSDOC-T1905

Sci

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MIH 9-6

Scientific - Biology
Nov 56 CTS

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Etude Petrographique de l'erosion du Revetement d'un
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Sci - Geophysics

FE - Japan

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209(900) qUn34pr No 718

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Feb 63

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I. Recombination on the Surface of Vaporplated
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SLA 58-31

Sci

Jul 59

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TT-65-13751

Field 11B

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RESEARCH ON RADIATION SHIELDING MATERIALS.
PAPER 2. RADIATION SHIELDING PROPERTIES OF
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Order from SLA: \$1.10 as TT-65-13751

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MR 664

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Formation of Cl_2 by the Oxidation of NaCl , 67
Pyrite and SO_2 by K. Sugiyama, T. Takahashi.
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Simple Method for Determining the Particle
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ARC Tr 2408

Sci - Chemistry

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NIH Tr No 1124

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FE - Japan
Soc - Medicine

Methods of Organic Qualitative Analysis, by
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AEC-tr-5419

Sci - Chem
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S. SUGIYAMA

Sci-Phys
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NLL m.2712

Sci

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Sugiyama, Y., Fukuda, T., and Tabata, O.
ON THE L/Y RATIO. [1960] 10p. 13 refs.
Order from SLA mi\$1.80, ph\$1.80 60-18131

Trans. of Oyo Butsuri (Japan) 1959, v. 28, no. 12,
p. 681-687.

The heterochromatic brightness L of colored samples which have similar luminous reflectance Y was measured by using the gray scale, and the equal L/Y curves were drawn on the chromaticity diagram. The results obtained by two observers did not always coincide and there were some differences among the brightness levels. Though Y values are same, everyone judges generally that blue colors are more bright than yellow colors and the bluer the color, the brighter it appears. These results were caused by uncertainties in the luminosity curve and by the non-linearity of the responses of receptors in the eyes.

(Physics--Optics, TT, v. 5, no. 4)

60-18131

- I. Colorimetry--Theory
- I. Sugiyama, Y.
- II. Fukuda, T.
- III. Tabata, O.

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Sci-Chan
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KODIAN, per, Radiotekhnika, Vol VI,
No 1, pp 559-566, 1964
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Infra-Red Adsorption Studies on Uranyl Salt
Solutions in Organic Solvents. Valency-Vibration
Spectra of Coordinated Water in Hydrates of
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ARC-tr-4455
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Sci
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Dibutyl Ether. Solubility Isotherm at 25°, by
V. M. Vdovenko, I. G. Suglobova, 14 pp.

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CIA/FDD Sum 2503

PE - Indonesia
Sec
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Species of Genus *Coccophagus* Westw. (Hymenoptera,
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Sci -
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ID 21985455

FE - Japan
LA
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NIH 9-26-62

Sci - Med

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